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=> s polyacrylamide and hydrogel?
L1 10343 POLYACRYLAMIDE AND HYDROGEL?

=> s l1 and (implant? or prosthe? or endoprosthe?)
L2 4899 L1 AND (IMPLANT? OR PROSTHE? OR ENDOPROSTHE?)

=> s 12 and (cartilage or synov? or chondral? or endochondral) and joint
L3 2363 L2 AND (CARTILAGE OR SYNOV? OR CHONDRAL? OR ENDOCHONDRAL) AND JOINT

=> s 13 and (replac? or augment? or mimic?)
L4 2352 L3 AND (REPLAC? OR AUGMENT? OR MIMIC?)

=> S 14 AND METHOD
L5 2350 L4 AND METHOD

=> s 15 and arthritis
L6 2234 L5 AND ARTHRITIS

=> s 16 and acrylamide
L7 97 L6 AND ACRYLAMIDE

=> s 17 and (methylene bis acrylamide)
L8 3 L7 AND (METHYLENE BIS ACRYLAMIDE)

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L8 ANSWER 1 OF 3 USPATFULL on STN
ACCESSION NUMBER: 2003:94026 USPATFULL
TITLE: Polyacrylamide hydrogel for
arthritis
INVENTOR(S): Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003065389	A1	20030403
APPLICATION INFO.:	US 2001-938668	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006	
NUMBER OF CLAIMS:	35	
EXEMPLARY CLAIM:	1	
LINE COUNT:	705	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A **hydrogel** for use as a **prosthetic** device for
supplementing, **augmenting** or **replacing**
cartilage in the intra-articular cavity of a **joint** and
for treatment or prevention of **arthritis**. The **hydrogel**
may be a **polyacrylamide hydrogel** obtained by
combining **acrylamide** and **methylene bis-**
acrylamide. A **prosthetic** device comprising the
polyacrylamide hydrogel is also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 2 OF 3 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER: 2005:3603 EPFULL
ENTRY DATE PATENT: 20050817
ENTRY DATE PUBLICATION: 20050817
UPDATE DATE PUBLICAT.: 20051026
DATA UPDATE DATE: 20051026
DATA UPDATE WEEK: 200543
TITLE (ENGLISH): Polyacrylamide hydrogel and its use
as an endoprosthesis
TITLE (FRENCH): Hydrogel de polyacrylamide et son
utilisation comme endoprothese
TITLE (GERMAN): Polyacrylamid-Hydrogel und seine Verwendung
als Endoprothese
INVENTOR(S): Lessel, Robert, Bryggerdammen 21, 2605 Brondby, DK;
Schmidt, Richard, Fagerbo 12, 2950 Vedbaek, DK
PATENT APPLICANT(S): Contura S.A., Grand'Rue 3, 1820 Montreux, CH
PATENT APPL. NUMBER: 4034190
AGENT: Plougmann & Vingtoft A/S, P.O. Box 831, 2100
Copenhagen, DK
AGENT NUMBER: 101179
DOCUMENT TYPE: Patent
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
PATENT INFO TYPE: EPA2 Application published without search report
PATENT INFORMATION:

	NUMBER	KIND	DATE
DESIGNATED STATES:	EP 1564230	A2	20050817
	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR		
EXTENSION STATES:	AL LT LV MK SI		
APPLICATION INFO.:	EP 2005-9167	A	20010825
RELATED DOC. INFO.:	EP 2001-960207	20010825	EP 1287048 Parent
	Application		
PRIORITY INFO.:	DK 2000-1262	A	20000825

ABEN

Polyacrylamide hydrogels comprising less than 3.5% **polyacrylamide**, cross-linked with **methylene-bis-acrylamide**, and at least 95% water or saline solution were found to be stable. These **hydrogels** are useful as injectable or **implantable endoprosthetic** devices for use in mammoplasty, soft tissue filling, penile **augmentation**, facial correction, lip **augmentation**, body contouring, **arthritis**, incontinence, reflux oesophagitis, and vesicouretrial reflux. **Hydrogels** comprising from 0.5 to 25 % **polyacrylamide hydrogel** are described as well as for use as **prosthetic** devices. The **hydrogels** are tailored to their intended use as **prosthetic** devices, in terms of their physical and rheological properties, such as their **polyacrylamide** content, viscosity and elasticity.

L8 ANSWER 3 OF 3 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

ACCESSION NUMBER:	2004:167	EPFULL	
DATA UPDATE DATE:	20040609		
DATA UPDATE WEEK:	200424		
TITLE (ENGLISH):	Polyacrylamide hydrogel and its use as an endoprosthesis		
TITLE (FRENCH):	Hydrogel de polyacrylamide et son utilisation comme endoprothese		
TITLE (GERMAN):	Polyacrylamidhydrogel und seine Verwendung als Endoprothese		
INVENTOR(S):	The designation of the inventor has not yet been filed		
PATENT APPLICANT(S):	Contura S.A., Grand'Rue 3, 1820 Montreux, CH		
PATENT APPL. NUMBER:	4034190		
AGENT:	Plougmann & Vingtoft A/S, Sundkrogsgade 9 P.O. Box 831, 2100 Copenhagen O, DK		
AGENT NUMBER:	101176		
DOCUMENT TYPE:	Patent		
LANGUAGE OF FILING:	English		
LANGUAGE OF PUBL.:	English		
LANGUAGE OF PROCEDURE:	English		
LANGUAGE OF TITLE:	German; English; French		
PATENT INFO TYPE:	EPA3 Separate publication of search report		
PATENT INFORMATION:	NUMBER	KIND	DATE

DESIGNATED STATES:	EP 1418188	A3	20040609
	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR		
EXTENSION STATES:	AL LT LV MK RO SI		
APPLICATION INFO.:	EP 2004-2645	A	20010825
RELATED DOC. INFO.:	EP 2001-960207	20010825	EP 1287048 Parent
	Application		
PRIORITY INFO.:	DK 2000-1262	A	20000825